

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claims 1-10: (Withdrawn)

Claim 11. (Currently Amended) A method of preventing or treating a disorder characterized by amyloid deposition of A $\beta$  peptide in a mammalian subject, comprising administering to the subject a dosage of an agent effective to produce an immune response comprising antibodies against an amyloid component characteristic of said disorder, wherein the amyloid component is A $\beta$  peptide and an adjuvant that augments the immune response to the A $\beta$  peptide, and thereby preventing or treating the disorder.

Claims 12-13: (Canceled)

Claim 14. (Currently Amended) The method of claim ~~13~~11, wherein said agent induces an immune response directed against a neoepitope formed by said amyloid component with respect to ~~said~~ amyloid precursor protein.

Claim 15. (Canceled)

Claim 16. (Currently Amended) The method of claim ~~15~~58, wherein said agent is ~~selected from the group consisting of AA, AL, ATTR, ApoA1, A $\alpha$ 1, A $\alpha$ 2, A $\beta$  or a fragment thereof, AB<sub>2</sub>M, ASer, A $\alpha$ 1, ALAPP and synuclein NAC fragment.~~

Claim 17. (Canceled)

Claim 18. (Currently Amended) The method of claim ~~17~~16, wherein said administering includes administering ~~at least two~~ a second amyloid-~~fibril~~ components.

Claim 19. (Currently Amended) The method of claim ~~11~~58, wherein said agent is a peptide linked to a carrier protein.

Claim 20. (Canceled)

Claim 21. (Currently Amended) The method of claim 2011, wherein said adjuvant is selected from the group consisting of QS21, monophosphoryl lipid, and alum and Freund's adjuvant.

Claim 22. (Currently Amended) The method of claim 11, wherein said ~~immunological~~ immune response is characterized by a serum titer of the antibodies of at least 1:1000 with respect to said amyloid component.

Claim 23. (Currently Amended) The method of claim 22, wherein said serum titer of the antibodies is at least 1:5000 with respect to said ~~fibril~~ amyloid component.

Claim 24. (Currently Amended) The method of claim 11, wherein said ~~immunological~~ immune response is characterized by a serum ~~amount~~ titer of ~~immunoreactivity~~ the antibodies corresponding to greater than about four times higher than a serum ~~level~~ titer of ~~immunoreactivity~~ anti- A $\beta$  antibodies measured in a pre-treatment control serum sample.

Claim 25. (Currently Amended) The method of claim 24, wherein said serum ~~amount~~ titer of ~~immunoreactivity~~ the antibodies is measured at a serum dilution of about 1:100.

Claims 26-57: (Canceled)

Claim 58. (New) The method of claim 11, wherein the disorder is hereditary Alzheimer's disease, Down's syndrome, hereditary cerebral hemorrhage(Dutch type), sporadic cerebral amyloid angiopathy, or inclusion body myositis.